

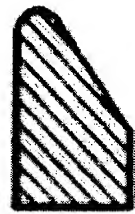
FIGURE 1  
 EFFECT OF  
 BRILLIANT FOCUSSED

PRIME AREA

Magnetic Pole Piece 20

Magnetic Flux Lines 24

No Flux in  
 Cathode Region



10

Cathode

Focus  
 Electrode

16 Anode

18

12

22

26

20

24

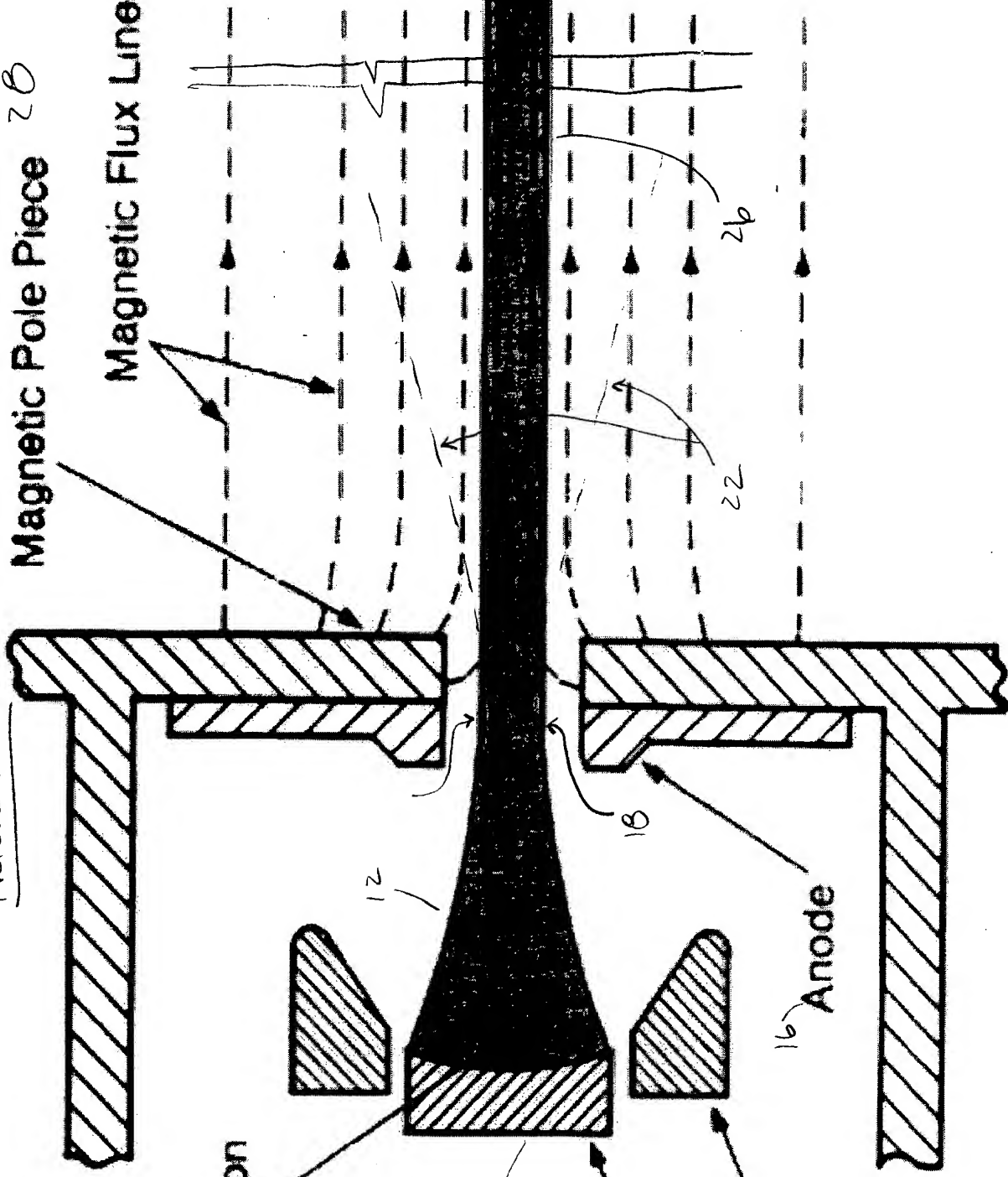
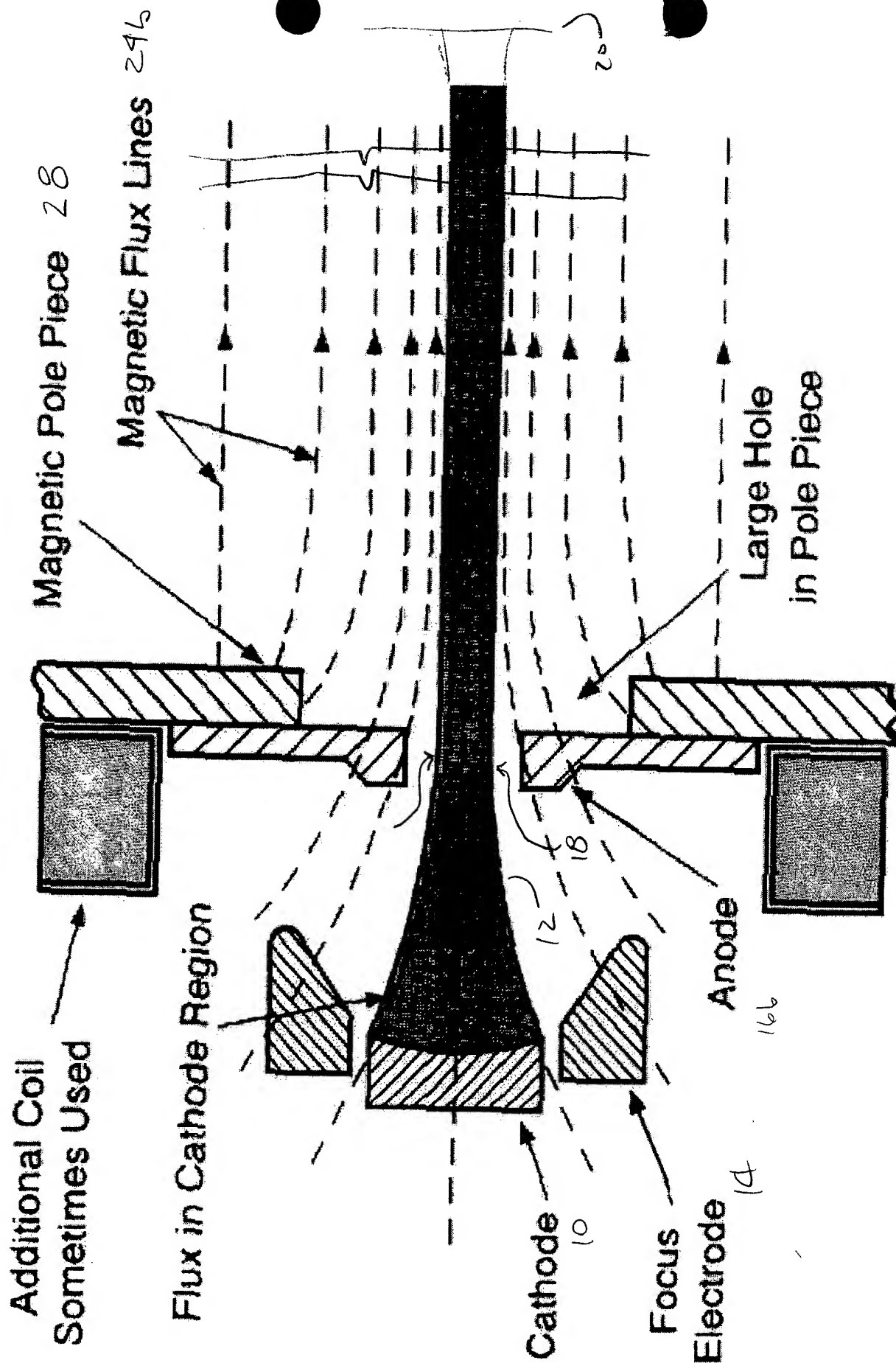


FIGURE 2

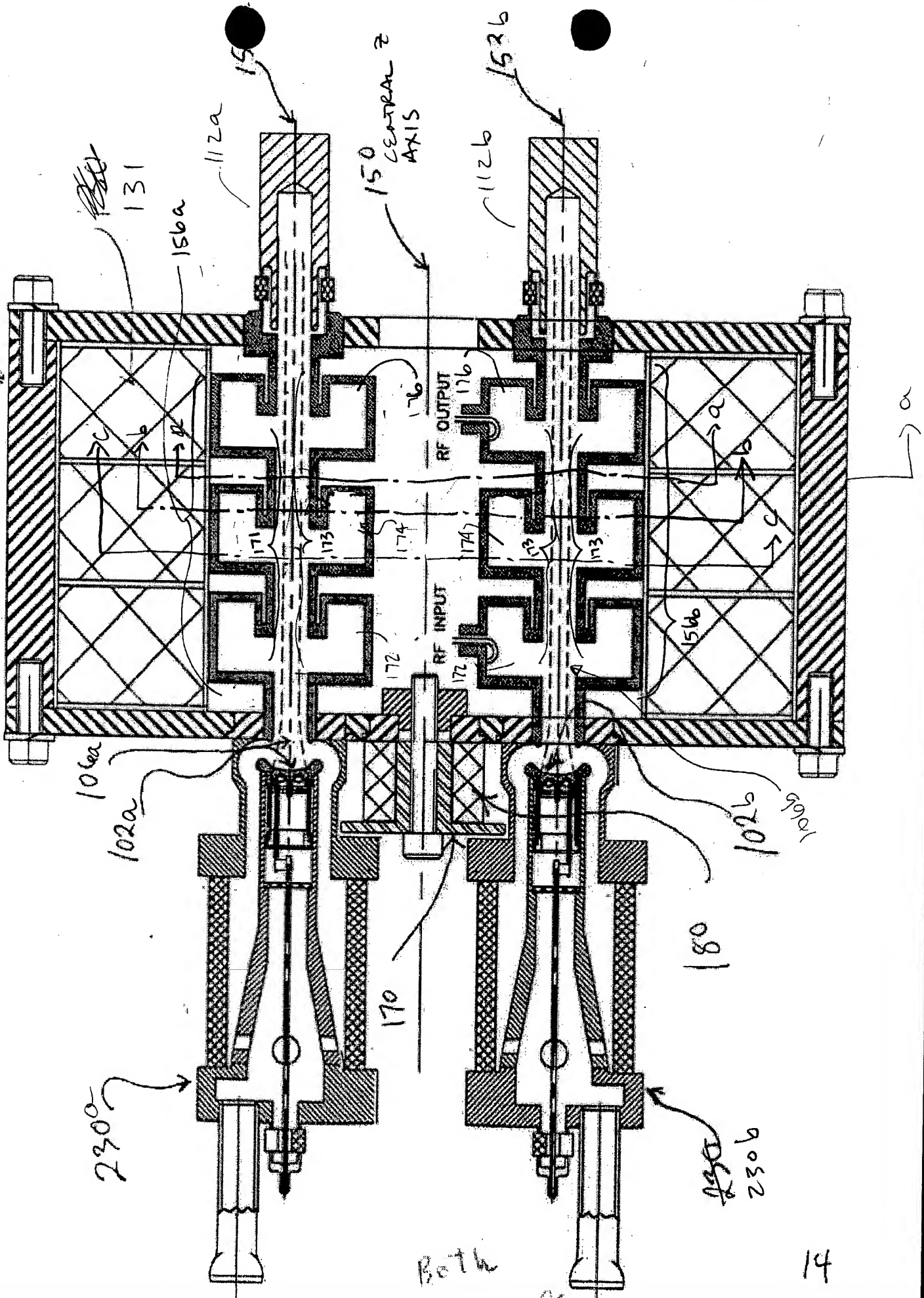
PRIMER ART

CONFIDENTIAL



[illegible]

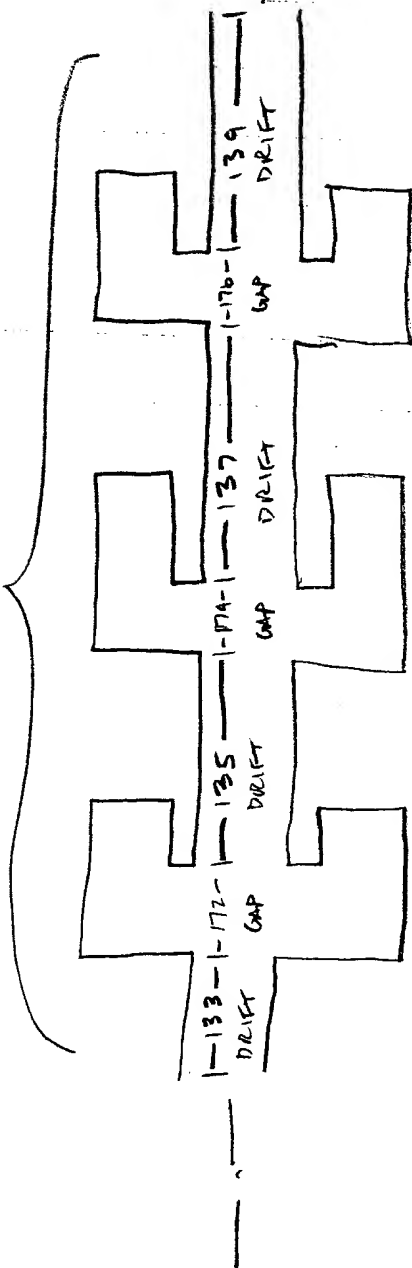
FIG. 4



Both  
cut flow

FIG 4-1, DETAIL OF BEAM TUNNEL

156a, b...



4a

FIGURE 4a

FIGURE 4a

104

171

156a

156b

173

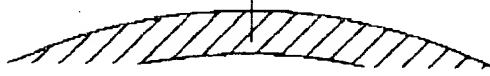
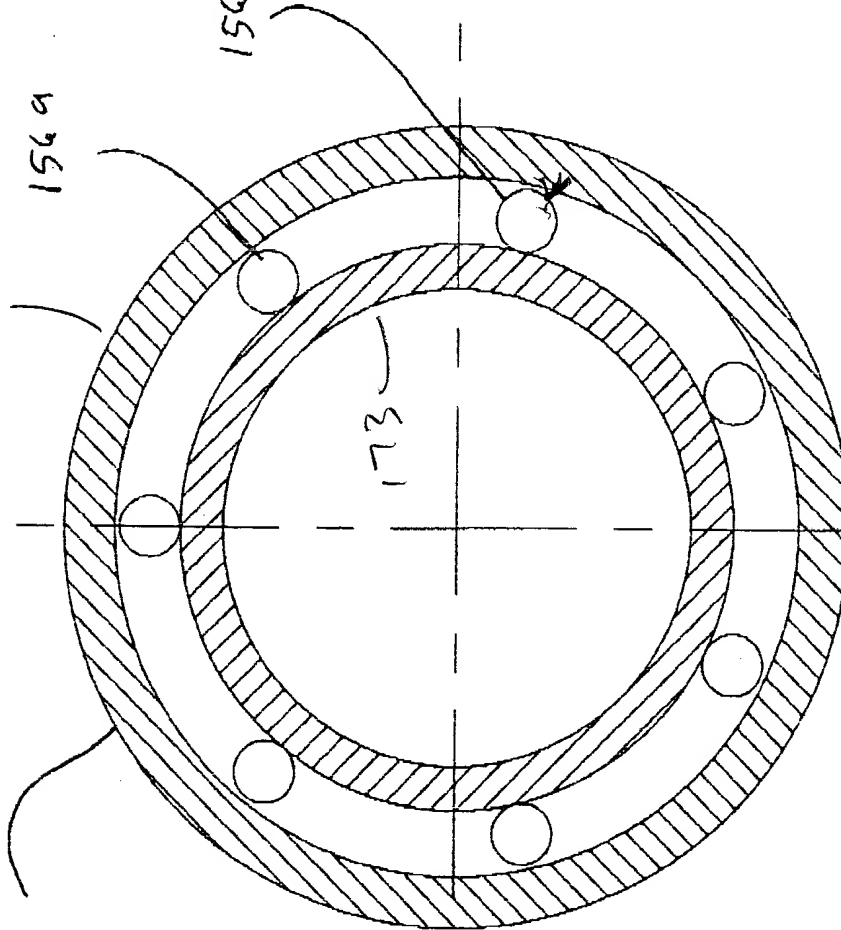
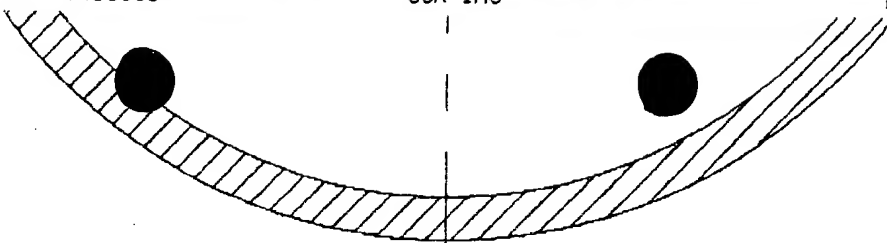
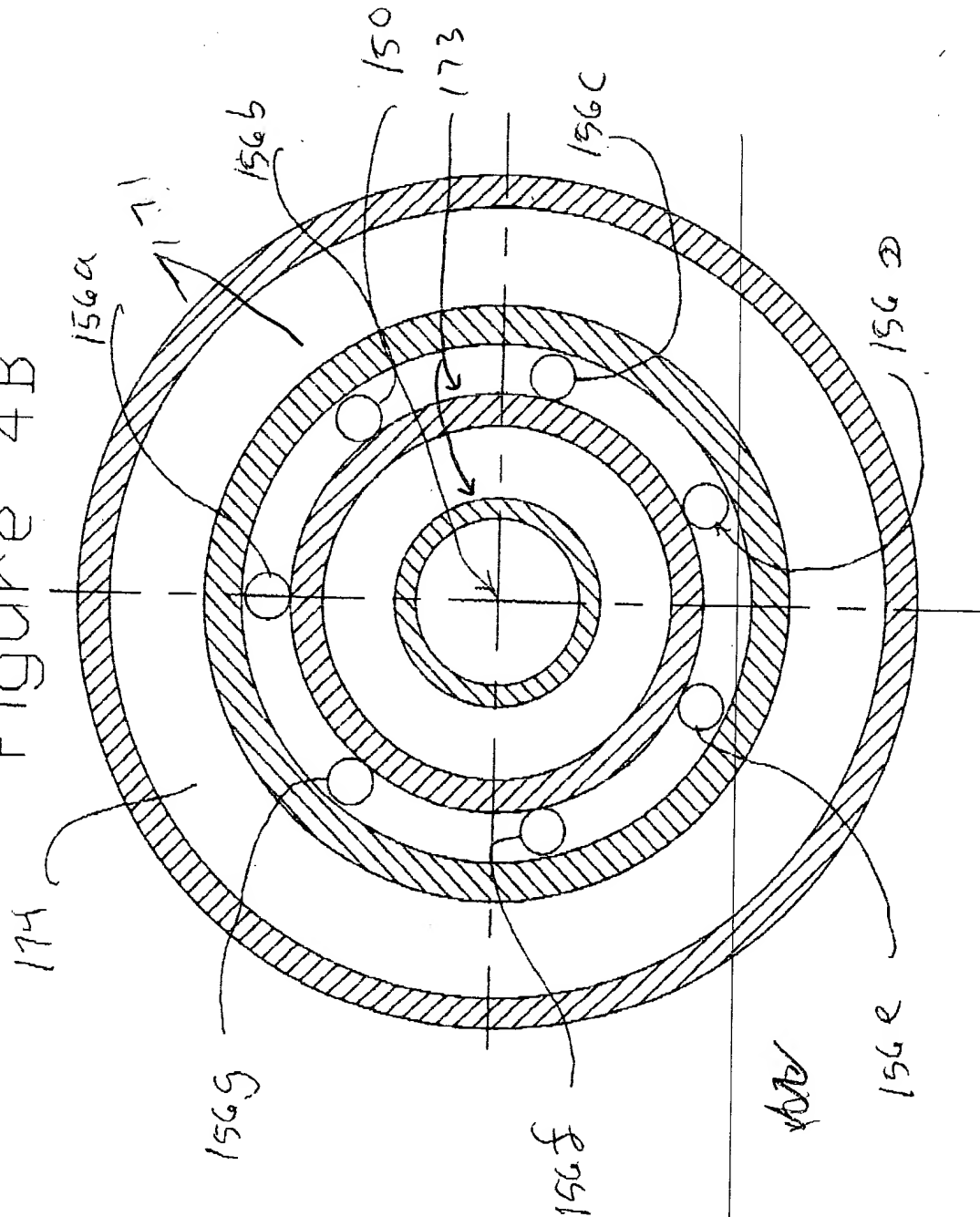
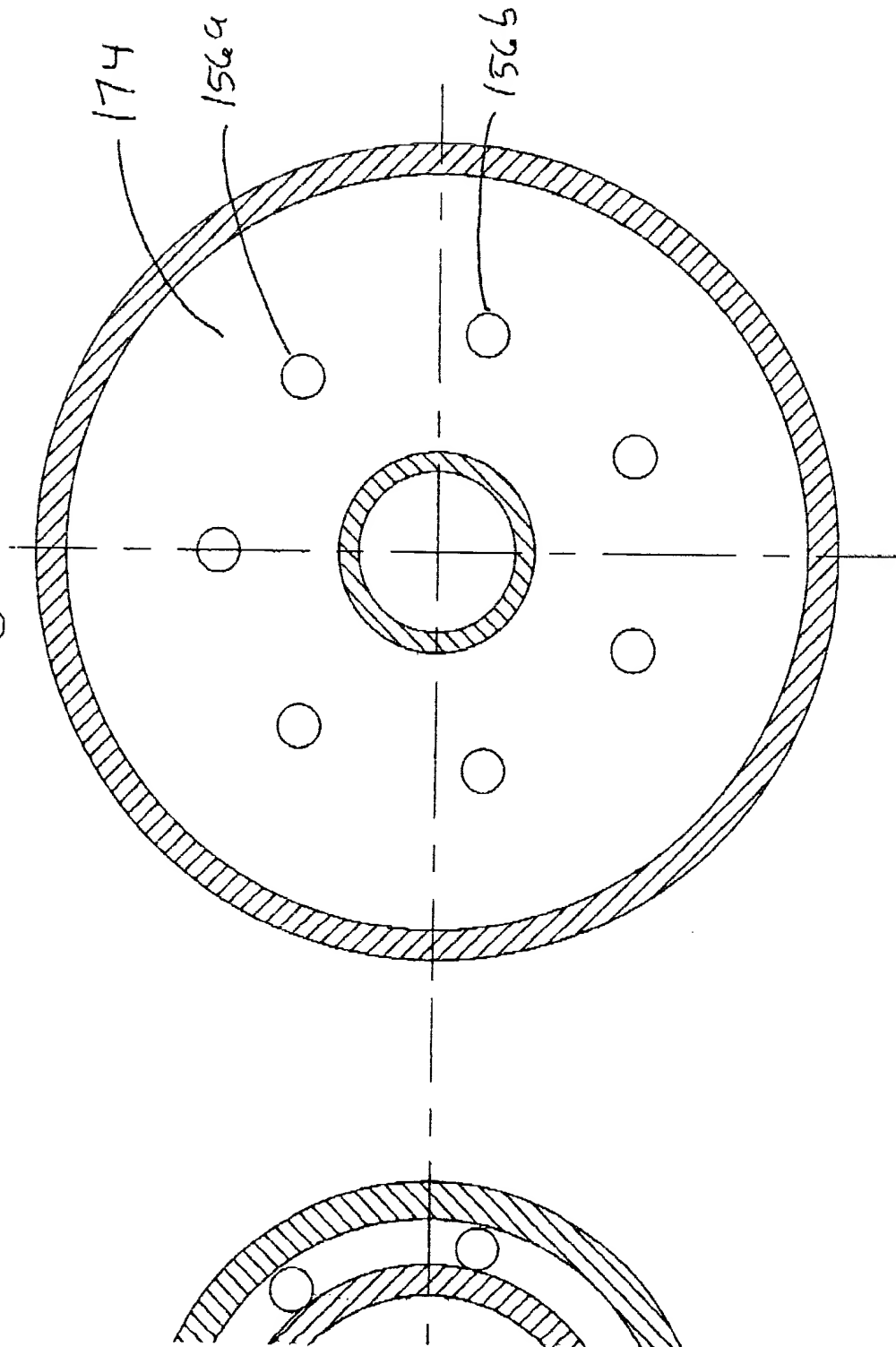


Figure 4B



4b

Figure 4a

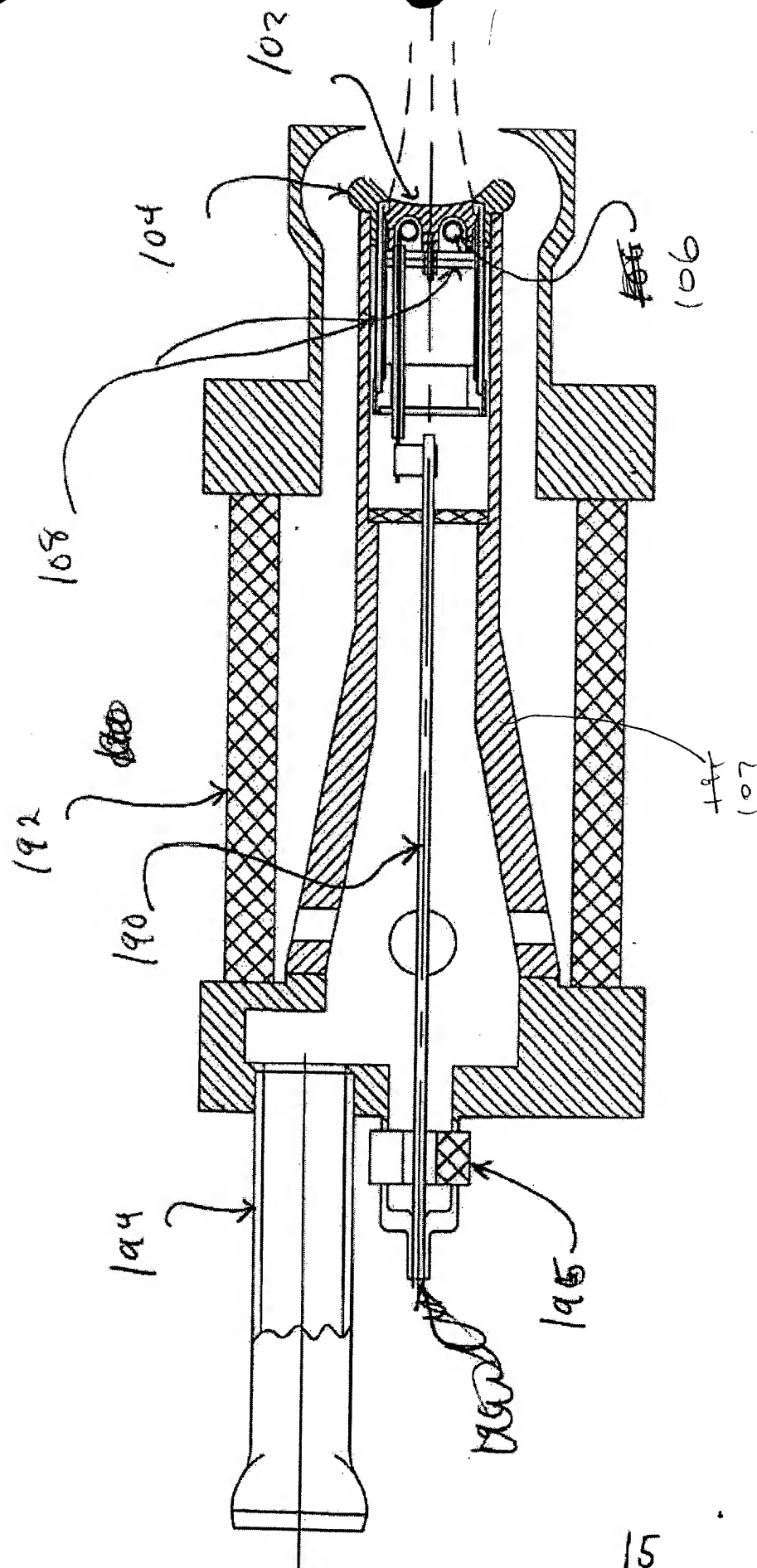




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505

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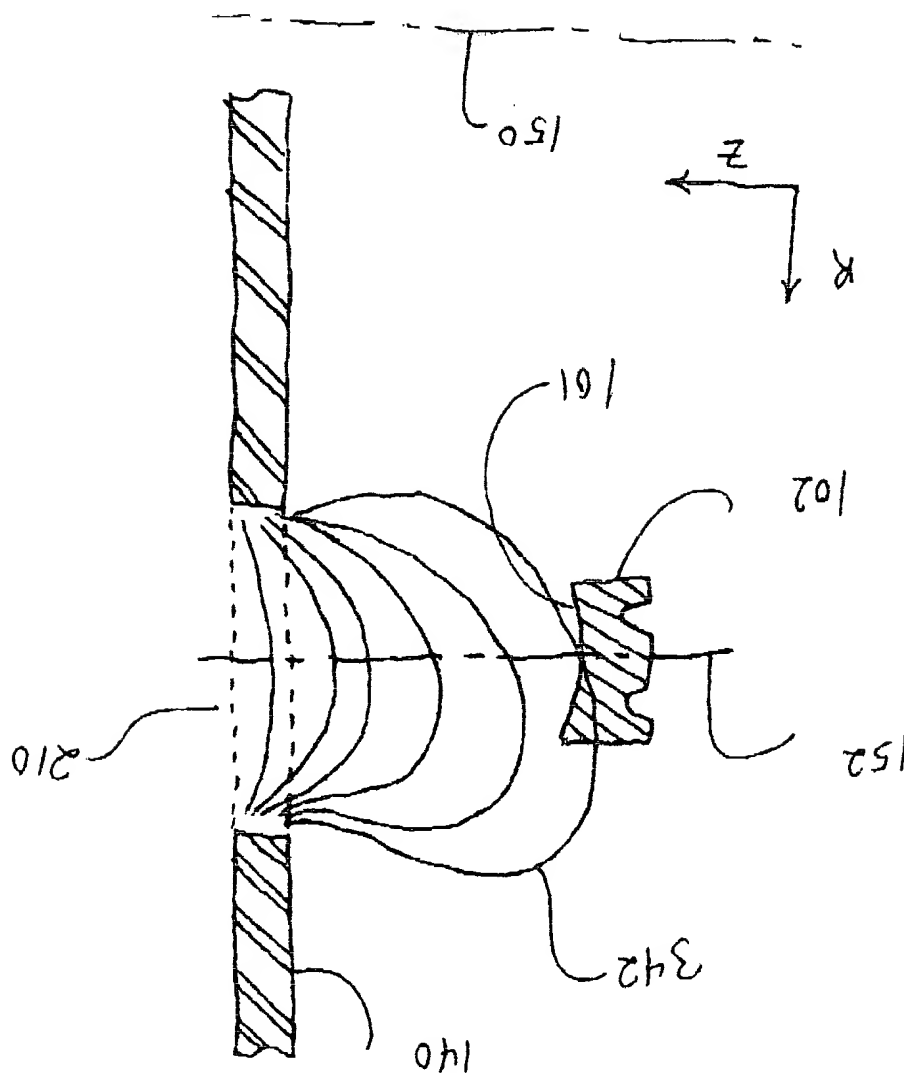
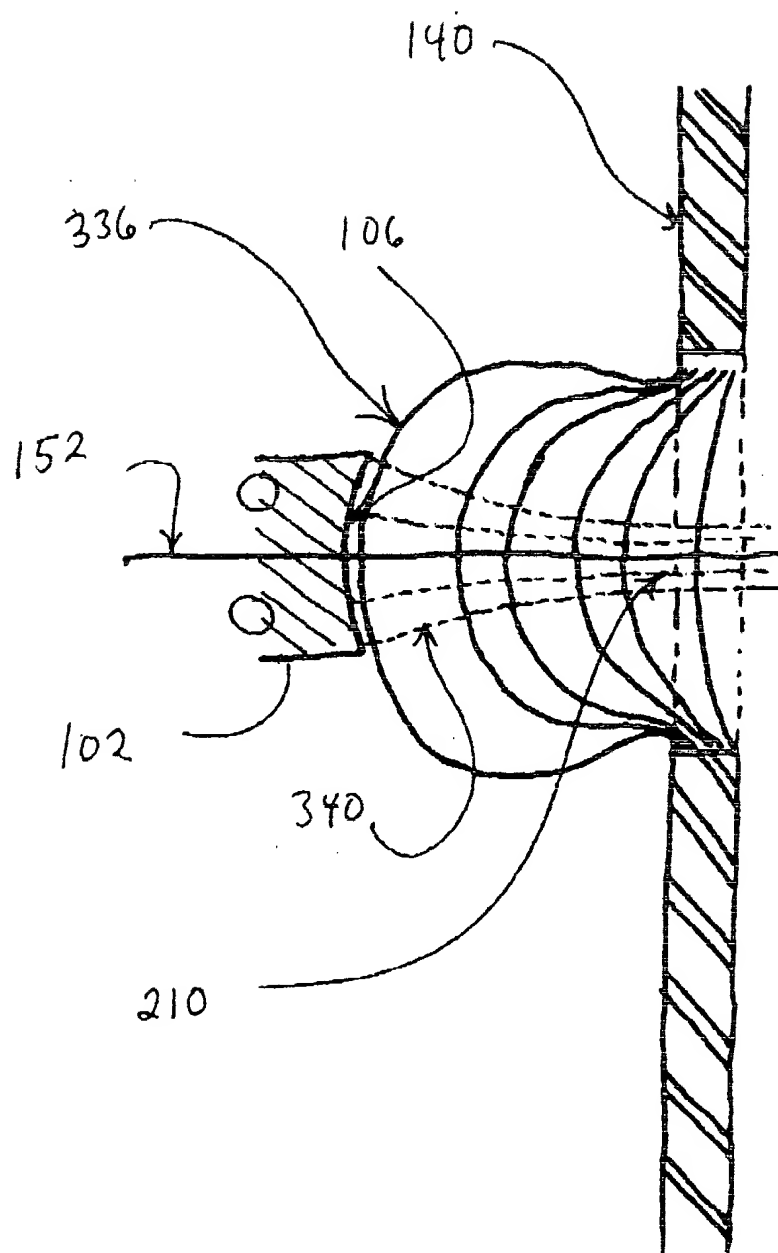


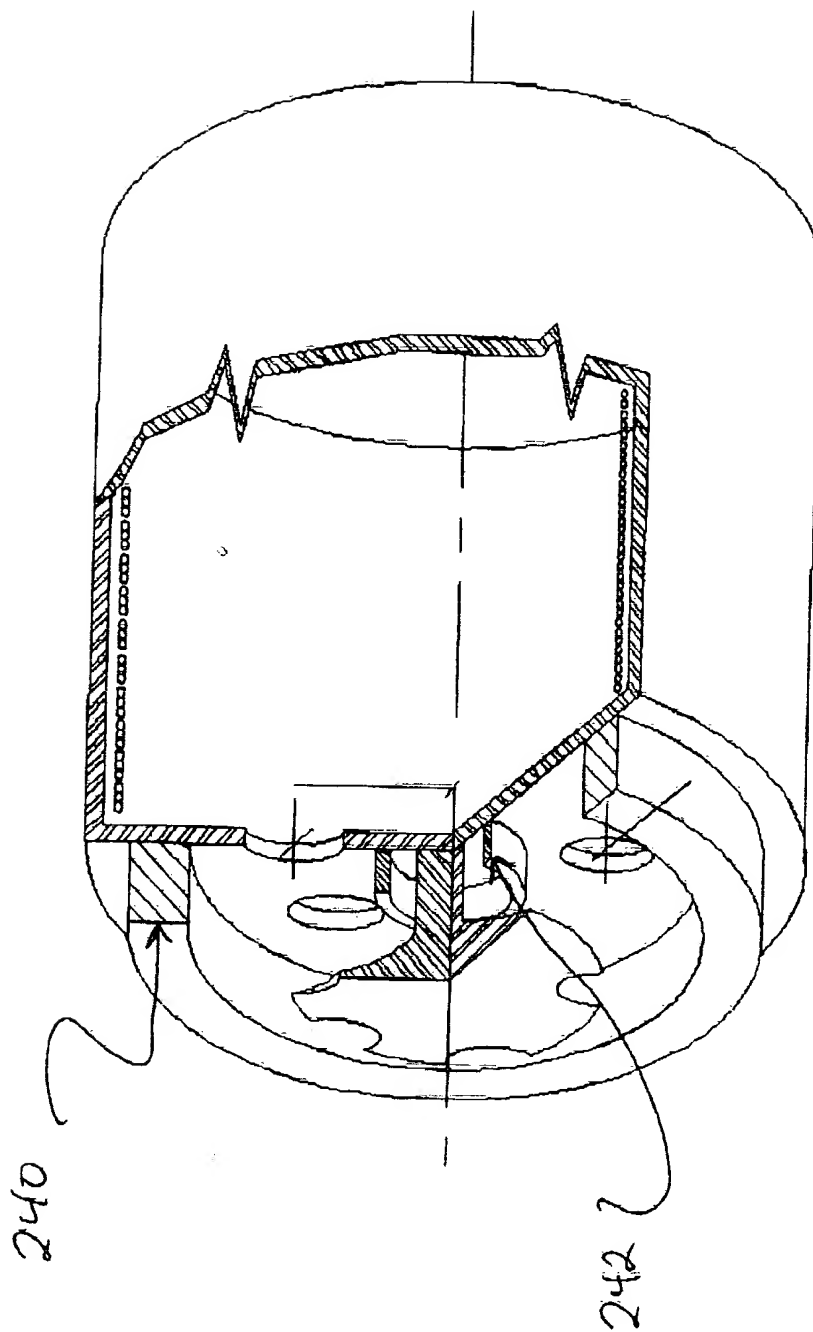
Figure 6b

Figure 6C



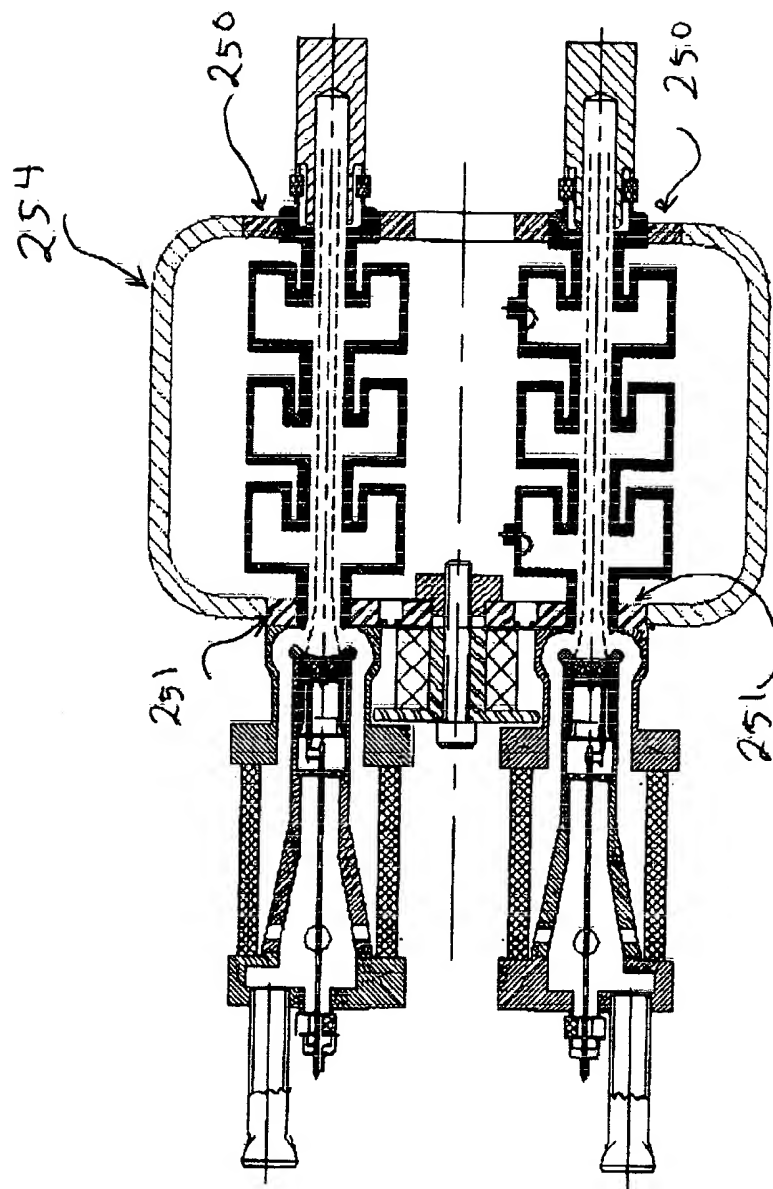


8  
FIGURE 7  
9/25/00



~~Alternate embodiment of Figure 7, with electromagnet  
coils 232 and 180 replaced by permanent magnets  
240 and 242~~

Figure 4



Alternate embodiment of Figure 4 with iron 140 and electromagnet coils 130 replaced by iron 250, 251 and permanent magnet 254.

